

10/521962

Atty. Dkt. No. 017346-0184

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DT01 Rec'd PCT/PTO 21 JAN 2005

Applicant: Thomas GUIONNET et al.

Title: DEVICE AND METHOD FOR ROBUST DECODING OF ARITHMETIC CODES

Intl. Appl. No.: PCT/FR03/002246 filed July 16, 2003

Appl. No.: Unassigned

Filing Date: January 21, 2005

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop PCT  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

However, the USPTO has waived the requirement under 37 CFR 1.98(a)(2)(i) to submit copies of U.S. patents and U.S. patent application publications when citing and submitting an Information Disclosure Statements in a patent application filed after June 30, 2003 and in an international application that has entered the national stage under 37 USC §371 after June 30, 2003. Accordingly, copies of these types of documents are not being supplied in connection with this application. Reference is being made to Pre-OG Notice from Office of Patent Legal Administration dated July 25, 2003, *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003.*

The documents listed on the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding International application. Copies of the documents are not being provided since copies should have been provided directly by WIPO under an exchange program between the PTO, the EPO and the JPO. A copy of the International Search Report setting forth the portion of each reference considered relevant by the examiner is attached.

TIMING OF THE DISCLOSURE

DT01 Rec'd PCT/PT 21 JAN 2005

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the date of entry of the national stage as set forth in 37 CFR §1.491.

RELEVANCE OF EACH DOCUMENT

Any document listed on the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding International application. A copy of the International Search Report is attached setting forth the portion of each document considered relevant by the examiner.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date:

Jan 21, 2005

FOLEY & LARDNER, LLP  
Customer Number: 22428  
Telephone: (202) 672-5416  
Facsimile: (202) 672-5399

By

Brian J. McNamara

Brian J. McNamara  
Attorney for Applicant  
Registration No. 32,789

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date Submitted: January 21, 2005

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	Unassigned 10/521962
Filing Date	01/21/2005
First Named Inventor	Thomas GUIONNET
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	017346-0184

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	A1	MURAD, A. H., et al., "Joint Source-Channel Decoding of Variable-Length Encoded Sources", XP-002143123, pp. 94-95 (1998).	
	A2	MURAD, A. H., et al., "Robust Transmission of Variable-Length Encoded Sources", pp. 968-972 (1999).	
	A3	GUYADER, A., et al., "Joint Source-Channel Turbo Decoding of Entropy-Coded Sources", IEEE Journal on Selected Areas in Communications, vol. 19, no. 9, pp. 1680-1696 (2001).	
	A4	DEMIR, N., et al., "Joint Source/Channel Coding for Variable Length Codes", IEEE, pp. 139-148 (1998).	
	A5	FABRE, E., et al., "Joint Source-Channel Turbo Decoding of VLC-Coded Markov Sources", IEEE, pp. 2657-2660 (2001).	
	A6	PARK, M., et al., "Decoding Entropy-Coded Symbols Over Noisy Channels by MAP Sequence Estimation for Asynchronous HMMs", IEEE, pp. 477-482 (1998).	

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.